Weather Alerts Headlines - v3.0
Document Version - 1.3.3

Domain Portfolio: Alerts | Domain: Alerts | Usage Classification: Standard

Geography: US, Canada, Japan, Western Europe, Australia, South Korea

Attribution Required: YES

Attribution Requirements: Clients must provide data source attribution on anywhere data is displayed.

The attribution phrase must display: “Issued by <Office Name> - <Office Admin District Code>, <Office Country Code>, <Source>, <Disclaimer>”.

- Example: Issued by National Weather Service - Bismarck, US
- Example: Issued by Central Institute for Meteorology and Geodynamics - Austria, EUMETNET-Meteoalarm, Disclaimer: "Time delays between this website and Meteoalarm.eu are possible. For the most up-to-date information about alert levels as published by the participating National Meteorological Services, please visit Meteoalarm."

Overview

The Weather Alert Headlines API provides weather watches, warnings, statements and advisories issued by the NWS (National Weather Service), Environment Canada, MeteoAlarm (Europe), ABOM (Australian Bureau of Meteorology) and the KMA (Korean Meteorological Agency) . These weather alerts can provide crucial life-saving information. Weather alerts can be complicated and do not always follow consistent standards, format and rules. The Weather Company (TWC) strives to ensure that the information is consistent from all of the different sources but the content is subject to change whenever there is an update from the authoritative source.

The Weather Alert Headline API returns active weather alert headlines related to Severe Thunderstorms, Tornadoes, Earthquakes, Floods, etc . This API also returns non-weather alerts such as Child Abduction Emergency and Law Enforcement Warnings.

The API also provides the <detailKey> attribute which is required to access the alerts details in the Alerts Detail API if additional content is required.

The metadata section of the API response contains the attribute ‘next‘. if ‘next’ equals null the user has received all the data and is done. If ‘next’ is not null the user will need to make additional calls to the Alerts Headlines API - setting the ‘next’ parameter equal to the previously returned ‘next’ value. Keep calling the API until ‘next’ equals null.

HTTP Headers and Data Lifetime - Caching and Expiration

For details on appropriate header values as well as caching and expiration definitions, please see **The Weather Company Data | API Common Usage Guide**.

Translated Fields:

This TWC API handles the translation of phrases. When formatting a request URL a valid language must be used (see **The Weather Company Data | API Common Usage Guide)**

- countryName
- disclaimer
- headlineText
- eventDescription
- officeAdminDistrict

URL Construction

Atomic API URL Examples:	**Aggregate Product Name**	v3alertsHeadlines
Request by Country: **Required Parameters:** countryCode, format, language, apiKey **| Optional Parameters:** next https://api.weather.com/v3/alerts/headlines?**countryCode**=<**countryCode**>&format=json&language=en-US&**next**=<**next**>&apiKey=**yourApiKey**		
https://api.weather.com/v3/alerts/headlines?countryCode=US&format=json&language=en-US&apiKey=**yourApiKey**		
Request by Admin District (State or Province): **Required Parameters:** adminDistrictCode, countryCode, format, language, apiKey **| Optional Parameters:** next https://api.weather.com/v3/alerts/headlines?**adminDistrictCode**=<**adminDistrictCode**:**countryCode**>&format=json&language=en-US&**next**=<**next**>&apiKey=**yourApiKey**		
https://api.weather.com/v3/alerts/headlines?adminDistrictCode=GA:US&format=json&language=en-US&apiKey=**yourApiKey**		
Request by Area: **Required Parameters:** areaId, countryCode, format, language, apiKey **| Optional Parameters:** next https://api.weather.com/v3/alerts/headlines?**areaId**=<**areaId**:**countryCode**>&format=json&language=en-US&**next**=<**next**>&apiKey=**yourApiKey**		
https://api.weather.com/v3/alerts/headlines?areaId=FLC043:US&format=json&language=en-US&apiKey=**yourApiKey**		
Request by Geocode (Latitude & Longitude): **Required Parameters:** geocode, format, language, apiKey **| Optional Parameters:** next https://api.weather.com/v3/alerts/headlines?**geocode**=<**latitude,longitude**>&format=json&language=en-US&**next**=<**next**>&apiKey=**yourApiKey**		
https://api.weather.com/v3/alerts/headlines?geocode=32.69,-83.42&format=json&language=en-US&apiKey=**yourApiKey**		

Weather Alert Country Coverage and Valid countryCode

Country Name	countryCode	Country Name	countryCode	Country Name	countryCode	Country Name	countryCode
Austria	AT	Finland	FI	Lithuania	LT	Serbia	RS
Australia	AU	France	FR	Luxemburg	LU	Slovakia	SK
Belgium	BE	Germany	DE	Macedonia (the former Yugoslav Republic of)	MK	Slovenia	SI
Bosnia-Herzegovina	BA	Greece	GR	Malta	MT	South Korea	KR
Bulgaria	BG	Hungary	HU	Moldova	MD	Spain	ES
Canada	CA	Iceland	IS	Montenegro	ME	Sweden	SE
Croatia	HR	Ireland	IE	Netherlands	NL	Switzerland	CH
Cyprus	CY	Israel	IL	Norway	NO	United Kingdom	UK
Czech Republic	CZ	Italy	IT	Poland	PL	United States of America	US
Denmark	DK	Japan	JP	Portugal	PT		
Estonia	EE	Latvia	LV	Romania	RO		

Data Elements & Definitions

Note: Field names are sorted alphabetically in the table below for presentation purposes. The table below does not represent the sort order of the API response.

Field Name	Description	Type	Range	Sample	Nulls Allowed
"metadata.object"		object			N
next	Used to paginate responses	integer		1475863030000	Y
"alerts.object"		object			N
adminDistrict	Admin district name	string		Montana	Y
adminDistrictCode	Admin district code	string		MT	Y
areaId	Location code for a location where the event occurs.	string		MTC035	N
areaName	Mixed case location name	string		Glacier	N
areaTypeCode	This identifies type of location.	string	C = county Z = zone CLC=Canada Location	C	N

certainty	Certainty text	string	Observed – Determined to have occurred or to be ongoing Likely - Likely (p > ~50%) Possible - Possible but not likely (p <= ~50%) Unlikely - Not expected to occur (p ~ 0) Unknown - Certainty unknown	Observed	N
certaintyCode	Certainty code	string	1 - Observed 2 - Likely 3 - Possible 4 - Unlikely 5 - Unknown	1	N
countryCode	country code of the location	string		US	N
countryName	country name	string		UNITED STATES OF AMERICA	N
detailKey	detail record key	string		77128ec9-cebe-46b2-8d72-d1f6860454e7	N
disclaimer	Disclaimer for data	string		null	Y
displayRank	Suggested display order. See Appendix A	integer		17	N
effectiveTimeLocal	The effective date and time of the information in the alert message.	string	valid date	2017-10-07T12:30:00-05:00	Y
effectiveTimeLocalTimeZone	Time Zone Abbreviation for effective time	string	valid timezone	EDT	Y
eventDescription	Event Description	string		Tornado Warning	N
eventTrackingNumber	Event Tracking Number	string	4 digit number or a checksum	160	N
expireTimeLocal	The expire date and time of the information in the alert message.	string	valid date	2017-10-07T19:30:00-05:00	N
expireTimeLocalTimeZone	Time Zone Abbreviation	string	valid timezone	EDT	N
expireTimeUTC	Expire date and time in UTC	epoch	valid Epoch time	1373914800	N
headlineText	Headline text of an event for the location	string	{event} is in effect {event} until {DOW HH:MM AM/PM TZCODE} {event} from {DOW HH:MM AM/PM TZCODE} until {DOW HH:MM AM/PM TZCODE}	Flood Warning until SAT 12:30PM CDT	N
ianaTimeZone	IANA time code	string	Valid timezone	America/Chicago	Y
identifier	This is the checksum value uniquely identifies a bulletin	string	checksum	a463d8adbd563a981673b1beab2b04994e80078a	N
issueTimeLocal	Alert issuance time	string	valid date	2017-10-07T11:30:00-05:00	N
issueTimeLocalTimeZone	Time zone Abbreviation	string	valid timezone	CDT	N
latitude	centroid latitude of a location where the event occurs.	decimal		48.65	Y
longitude	centroid longitude of a location where event occurs.	decimal		-113.13	Y
messageType	The nature of the alert message	string	New - Initial information Update - Updates existing message Cancel - Cancels the earlier message	New	N
messageTypeCode	The nature of the alert message code	integer	1 - New 2 - Update 3 - Cancel	2	N

officeAdminDistrict	Office Admin District	string		Montana	Y
officeAdminDistrictCode	Issuing Office State Code	string		MT	Y
officeCode	Issuing Office code	string		KTFX	N
officeCountryCode	Issuing Office Country Code	string		US	Y
officeName	Issuing Office Name	string		Great Falls	Y
onsetTimeLocal	The onset date and time of the information in the alert message.	string	valid date	2017-10-07T17:30:00-05:00	Y
onsetTimeLocalTimeZone	Time Zone Abbreviation for onset time	string	valid timezone	EDT	Y
phenomena	Phenomena code of an event	string		TO	N
processTimeUTC	Alert process time in SUN	integer	valid unix time UTC	1475863030000	N
productIdentifier	Product Line Identifier	string	Refer Inbound PIL/Event Tab	TOR	N
severity	Severity of the subject event of the alert message	string	Extreme - Extraordinary threat to life or property Severe - Significant threat to life or property Moderate - Possible threat to life or property Minor – Minimal to no known threat to life or property Unknown - Severity unknown	Severe	N
severityCode	Severity code of the subject event of the alert message	integer	1 - Extreme 2 - Severe 3 - Moderate 4 - Minor 5 - Unknown	1	N
significance	Equated to Type - such as a Watch, Warning or Advisory	string		W	N
source	Originating source of alert	string		NWS	N
urgency	Urgency text	string	Immediate - Responsive action SHOULD be taken immediately Expected - Responsive action SHOULD be taken soon (within next hour) Future - Responsive action SHOULD be taken in the near future Past - Responsive action is no longer required Unknown - Urgency not known	Expected	N
urgencyCode	Urgency code	integer	1 - Immediate 2 - Expected 3 - Future 4 - Past 5 - Unknown	2	N
endTimeLocal	the date and time that a alert is expected to end. It may be null for indefinitely long events (in which case the headline will indicate that the event is “in effect”)	string	Valid date	2021-10-04T16:30:00-04:00	Y
endTimeLocalTimeZone	the time zone for endTimeLocal	string	Valid timezone	EDT	Y
endTimeUTC	the end date and time in UTC	integer	Valid unix time UTC	1633379400	Y
"category.object"		object			N
category	The category description of the subject event of the alert message	string	Geo - Geophysical (inc. landslide) Met - Meteorological (inc. flood) Safety - General emergency and public safety Security - Law enforcement, military, homeland and local/private	Met	N

			security Rescue - Rescue and recovery Fire - Fire suppression and rescue Health - Medical and public health Env - Pollution and other environmental Transport - Public and private transportation Infra - Utility, telecommunication, other non-transport infrastructure CBRNE – Chemical, Biological, Radiological, Nuclear or High-Yield Explosive threat or attack Other - Other events		
categoryCode	The code denoting the category of the subject event of the alert message	integer	1 - Geo 2 - Met 3 - Safety 4 - Security 5 - Rescue 6 - Fire 7 - Health 8 - Env 9 - Transport 10 - Infra 11 - CBRNE 12 - Other	2	N
"flood.object"		object			Y
floodCrestTimeLocal	Flood Crest date time	string	valid date	2017-10-07T21:30:00-05:00	Y
floodCrestTimeLocalTimeZone	Flood crest date time zone abbreviation	string	valid timezone	EDT	Y
floodEndTimeLocal	Flood End date time	string	valid date	2017-10-07T23:30:00-05:00	Y
floodEndTimeLocalTimeZone	Flood end date time zone abbreviation	string	valid timezone	EDT	Y
floodImmediateCause	Flood Immediate Cause description	string	Excessive Rainfall Snowmelt Rain and Snowmelt Dam or Levee Failure Ice Jam Glacier-Dammed Lake Outburst Rain and/or Snowmelt and/or Ice Jam Upstream Flooding plus Storm Surge Upstream Flooding plus Tidal Effects Elevated Upstream Flow plus Tidal Effects Wind and/or Tidal Effects Upstream Dam or Reservoir Release Other Multiple Causes Other Effects Unknown	Excessive Rainfall	Y
floodImmediateCauseCode	Flood Immediate Cause code	string	ER Excessive Rainfall SM Snowmelt RS Rain and Snowmelt DM Dam or Levee Failure IJ Ice Jam GO Glacier-Dammed Lake Outburst IC Rain and/or Snowmelt and/or Ice Jam FS Upstream Flooding plus Storm Surge	NO	Y

			FT Upstream Flooding plus Tidal Effects ET Elevated Upstream Flow plus Tidal Effects WT Wind and/or Tidal Effects DR Upstream Dam or Reservoir Release MC Other Multiple Causes OT Other Effects UU Unknown		
floodLocationId	Flood Location Identifier code	string	Any Valid NWS flood location identifier	SMBM8	Y
floodLocationName	Flood Location Identifier Name	string	Any valid NWS flood location identifier or N/A	Saint Mary River at International boundary	N
floodRecordStatus	Flood Record Status description	string	A record flood is not expected Near record or record flood expected Flood without a period of record to compare For areal flood warnings, areal flash flood products, and flood advisories (point and areal) N/A	Near record or record flood expected	N
floodRecordStatusCode	Flood Record Status code	string	NO A record flood is not expected NR Near record or record flood expected UU Flood without a period of record to compare OO For areal flood warnings, areal flash flood products, and flood advisories (point and areal)	NR	Y
floodSeverity	Flood Severity Description	string	None N/A Minor Moderate Major Unknown	1	Y
floodSeverityCode	Flood Severity Code	string	N None 0 N/A 1 Minor 2 Moderate 3 Major U Unknown	0	Y
floodStartTimeLocal	Flood Start date Time	string	valid date	2017-10-07T20:30:00-05:00	Y
floodStartTimeLocalTimeZone	Flood start date time zone abbeviation	string	valid timezone	EDT	Y
"responseTypes.object"		object			N
responseType	Description of action recommended for the target audience	string	Shelter – Take shelter in place or per instruction Evacuate – Relocate as instructed in the instruction Prepare – Make preparations per the instruction Execute – Execute a pre-planned activity identified in instruction Avoid – Avoid the subject event as per the instruction Monitor – Attend to information sources as described in instruction Assess – Evaluate the information in this message. (This value SHOULD NOT be used in public warning applications.) AllClear – The subject event no longer poses a threat or concern and any follow on action is described in <instruction> None – No action recommended	Evacuate	N
responseTypeCode	The code denoting the type of action recommended for the target audience	integer	1 - Shelter 2 - Evacuate 3 - Prepare	2	N

			4 - Execute 5 - Avoid 6 - Monitor 7 - Assess 8 - AllClear 9 - None		

JSON Sample Note: Sample response collapsed for presentation purposes.

The metadata section of the API response contains the attribute 'next'. if 'next' equals null the user has received all the data and is done. If 'next' is not null the user will need to make additional calls to the Alerts Headlines API - setting the 'next' parameter equal to the previously returned 'next' value. Keep calling the API until 'next' equals null.


```
{
        metadata:
        {
                next: 1480656647000
        },
        alerts:
        [
                {
                        detailKey: "044ca89c-ad4d-3a7c-ac03-dca5882cb342",
                        messageTypeCode: 1,
                        messageType: "New",
                        productIdentifier: "MWS",
                        phenomena: "MA",
                        significance: "S",
                        eventTrackingNumber: "1",
                        officeCode: "KMFL",
                        officeName: "Miami",
                        officeAdminDistrict: "Florida",
                        officeAdminDistrictCode: "FL",
                        officeCountryCode: "US",
                        eventDescription: "Marine Weather Statement",
                        severityCode: 4,
                        severity: "Minor",
                        categories:
                        [
                                {
                                        category: "Met",
                                        categoryCode: 2,
                                }
                        ],
                        responseTypes:
                        [
```

```
                        {
                                responseType: "Monitor",
                                responseTypeCode: 6,
                        }
                ],
                urgency: "Expected",
                urgencyCode: 2,
                certainty: "Observed",
                certaintyCode: 1,
                effectiveTimeLocal: null,
                effectiveTimeLocalTimeZone: null,
                expireTimeLocal: "2021-10-04T16:30:00-04:00",
                expireTimeLocalTimeZone: "EDT",
                expireTimeUTC: 1633379400,
                onsetTimeLocal: null,
                onsetTimeLocalTimeZone: null,
                flood: null,
                areaTypeCode: "Z",
                latitude: 26.59,
                longitude: -79.37,
                areaId: "AMZ670",
                areaName: "Waters from Jupiter Inlet to Deerfield Beach FL from 20 to 60 NM",
                ianaTimeZone: "America/New_York",
                adminDistrictCode: "",
                adminDistrict: null,
                countryCode: "US",
                countryName: "UNITED STATES OF AMERICA",
                headlineText: "Marine Weather Statement until MON 4:30 PM EDT",
                source: "National Weather Service",
                disclaimer: null,
                issueTimeLocal: "2021-10-04T15:35:00-04:00",
                issueTimeLocalTimeZone: "EDT",
                identifier: "7014b48832713fb8c8b9f0b932185abc",
                processTimeUTC: 1633376123,
                endTimeLocal: "2021-10-04T16:30:00-04:00",
                endTimeLocalTimeZone: "EDT",
                endTimeUTC: 1633379400,
                displayRank : 17,
        },
```


// response collapsed for presentation purposes

Significance Codes

Code	Description
A	Watch
B	Bulletin
L	Local Alerts
M	Message
O	Outlook
R	Report
S	Statement
W	Warning
Y	Advisory

JMA Significance Codes

Code	Description
Y	Advisory
W	Warning
E	Extreme

Alerts Event, Phenomena, Significance, & Threat Levels

Alert Classification	Event Description	Phenomena	Significance	Threat Level Color	Governmental Alert Issued By					
					Canada	Europe	Japan	USA	Australia	S. Korea
Air Quality	**Air Pollution Warning**	**TAP**	**W**	**O**				**USA**		
Air Quality	**Air Pollution Watch**	**TAP**	**A**	**Y**				**USA**		
Air Quality	**Air Quality Advisory**	**TAQ**	**Y**	**Y**				**USA**		

Air Quality	Air Quality Alert	TAQ	L	Y				USA		
Air Quality	Air Quality Warning	TAQ	W	O				USA		
Air Quality	Air Quality Watch	TAQ	A	Y				USA		
Air Quality	Air Stagnation Advisory	AS	Y	Y				USA		
Air Quality	Air Stagnation Outlook	AS	O	Y				USA		
Air Quality	Dust Advisory	DS	Y	Y				USA		
Air Quality	Ozone Action Day	TOZ	A	Y				USA		
Air Quality	Ozone Alert	TOZ	L	Y				USA		
Air Quality	Ozone Warning	TOZ	W	O				USA		
Air Quality	Air Quality and Health Advisory	airQuality	Y	Y	Canada					
Air Quality	Air Quality Warning	airQuality	W	O	Canada					
Air Quality	Smog Warning	smog	W	O	Canada					
Air Quality	Special Air Quality Statement	airQuality	S	Y	Canada					
Air Quality	Dry Air Advisory	DAR	Y	Y			Japan			
Air Quality	Dry Air Advisory	DW	Y	O						S. Korea
Air Quality	Dry Air Warning	DW	W	R						S. Korea
Air Quality	Fine Dust Advisory	FD	Y	O						S. Korea
Air Quality	Fine Dust Warning	FD	W	R						S. Korea

Avalanche	Avalanche Bulletin	TAV	M	Y				USA		
Avalanche	Avalanche Warning	TAV	W	O				USA		
Avalanche	Avalanche Watch	TAV	A	Y				USA		
Avalanche	Severe Warning for Avalanche	TAA	A	O		Europe				
Avalanche	Extreme Warning for Avalanche	TAA	W	R		Europe				
Avalanche	Moderate Warning for Avalanche	TAA	S	O		Europe				
Avalanche	Avalanche Advisory	AVL	Y	Y			Japan			
Coastal	Beach Hazard Statement	BH	S	Y				USA		
Coastal	Coastal Flood Advisory	CF	Y	Y				USA		
Coastal	Coastal Flood Statement	CF	S	Y				USA		
Coastal	Coastal Flood Warning	CF	W	O				USA		
Coastal	Coastal Flood Watch	CF	A	Y				USA		
Coastal	Coastal/Lakeshore Bulletin	TCL	B	Y				USA		
Coastal	Freezing Spray Advisory	ZY	Y	O				USA		
Coastal	Freezing Spray Advisory	UP	Y	O				USA		
Coastal	Gale Warning	GL	W	O				USA		
Coastal	Gale Watch	GL	A	Y				USA		
Coastal	Hazardous Seas Warning	SE	W	O				USA		

Coastal	Hazardous Seas Watch	SE	A	Y				USA		
Coastal	Heavy Freezing Spray Warning	UP	W	O				USA		
Coastal	Heavy Freezing Spray Watch	UP	A	Y				USA		
Coastal	High Surf Advisory	SU	Y	Y				USA		
Coastal	High Surf Warning	SU	W	O				USA		
Coastal	Hurricane Force Wind Warning	HF	W	R				USA		
Coastal	Hurricane Force Wind Watch	HF	A	Y				USA		
Coastal	Lake Wind Advisory	LW	Y	Y				USA		
Coastal	Lakeshore Flood Advisory	LS	Y	O				USA		
Coastal	Lakeshore Flood Statement	LS	S	Y				USA		
Coastal	Lakeshore Flood Warning	LS	W	O				USA		
Coastal	Lakeshore Flood Watch	LS	A	Y				USA		
Coastal	Low Water Advisory	LO	Y	Y				USA		
Coastal	Marine Weather Statement	MA	S	Y				USA		
Coastal	Rip Current Statement	RP	S	O				USA		
Coastal	Small Craft Advisory	SC	Y	Y				USA		
Coastal	Special Marine Warning	MA	W	O				USA		
Coastal	Storm Warning	SR	W	O				USA		

Coastal	Storm Watch	SR	A	Y				USA		
Coastal	Tsunami Advisory	TS	Y	O				USA		
Coastal	Tsunami Bulletin	TS	B	O				USA		
Coastal	Tsunami Warning	TS	W	R				USA		
Coastal	Tsunami Watch	TS	A	O				USA		
Coastal	Freezing Spray Warning	freezngSpray	W	O	Canada					
Coastal	Gale Warning	galeWind	W	O	Canada					
Coastal	High Water Level Warning	highWater	W	O	Canada					
Coastal	Hurricane Force Wind Warning	hurricFrcWnd	W	R	Canada					
Coastal	Ice Pressure Warning	icePressure	W	O	Canada					
Coastal	Rapid Closing of Coastal Leads Warning	rpdCloseLead	W	O	Canada					
Coastal	Special Ice Warning	spclIce	W	O	Canada					
Coastal	Special Marine Advisory	spclMarine	Y	Y	Canada					
Coastal	Special Marine Warning	spclMarine	W	O	Canada					
Coastal	Special Marine Watch	spclMarine	A	Y	Canada					
Coastal	Squall Warning	squall	W	R	Canada					
Coastal	Squall Watch	squall	A	O	Canada					
Coastal	Storm Warning	stormFrcWnd	W	R	Canada					

Coastal	Tsunami Advisory	tsunami	Y	O	Canada					
Coastal	Tsunami Warning	tsunami	W	R	Canada					
Coastal	Tsunami Watch	tsunami	A	O	Canada					
Coastal	Waterspout Warning	waterspout	W	O	Canada					
Coastal	Waterspout Watch	waterspout	A	Y	Canada					
Coastal	Severe Warning for Coastal Event	TCW	A	O		Europe				
Coastal	Extreme Warning for Coastal Event	TCW	W	R		Europe				
Coastal	Moderate Warning for Coastal Event	TCW	S	O		Europe				
Coastal	Gale Advisory	GA	Y	Y			Japan			
Coastal	High Wave Advisory	HW	Y	Y			Japan			
Coastal	High Wave Warning	HW	W	R			Japan			
Coastal	High-Wave Emergency	HW	E	P			Japan			
Coastal	Gale Warning	MWW-GALE	W	O					Australia	
Coastal	Hazardous Surf Warning	HSW-STD	W	O					Australia	
Coastal	Hurricane Force Wind Warning	MWW-HURR	W	O					Australia	
Coastal	Marine Wind Warning	MWW	W	O					Australia	
Coastal	Severe Weather Warning for Abnormally High Tide	SWW-HT-STD	W	O					Australia	
Coastal	Severe Weather Warning for	SWW-DS-STD	W	O					Australia	

	Damaging Surf									
Coastal	Small Craft Alert	MWW-SMCRFT	W	O					Australia	
Coastal	Storm Force Wind Warning	MWW-STO	W	O					Australia	
Coastal	Strong Wind Warning	MWW-STR	W	O					Australia	
Coastal	Tsunami Bulletin	TSUNAMI-STD	S	O					Australia	
Coastal	Tsunami Statement	TSUNAMI-NOTHRT	S	Y					Australia	
Coastal	Tsunami Warning	TSUNAMI-WARN	W	O					Australia	
Coastal	Tsunami Watch	TSUNAMI-WATCH	A	Y					Australia	
Coastal	Wind Wave Advisory	WV	Y	O						S. Korea
Coastal	Wind Wave Warning	WV	W	R						S. Korea
Miscellaneous	911 Telephone Outage Emergency	TNO	L	Y				USA		
Miscellaneous	Administrative Message	TAD	M	Y				USA		
Miscellaneous	Airport Weather Warning	TAW	W	Y				USA		
Miscellaneous	Child Abduction Emergency	TCA	L	Y				USA		
Miscellaneous	Civil Danger Warning	TCD	W	O				USA		
Miscellaneous	Civil Emergency Message	TCE	M	Y				USA		
Miscellaneous	Earthquake Warning	TEQ	W	O				USA		
Miscellaneous	Evacuation Immediate Bulletin	TEV	L	O				USA		

Miscellaneous	Fire Warning	TFI	W	O				USA		
Miscellaneous	Fire Weather Bulletin	FW	B	Y				USA		
Miscellaneous	Fire Weather Watch	FW	A	Y				USA		
Miscellaneous	Hazardous Materials Warning	THM	W	O				USA		
Miscellaneous	Law Enforcement Warning	TLA	W	O				USA		
Miscellaneous	Local Area Emergency	TLC	L	O				USA		
Miscellaneous	Network Message Notification	TNM	L	Y				USA		
Miscellaneous	Nuclear Power Plant Warning	TNU	W	R				USA		
Miscellaneous	Radiological Hazard Warning	TRH	W	O				USA		
Miscellaneous	Red Flag Warning	FW	W	Y				USA		
Miscellaneous	Shelter In Place Warning	TSP	W	O				USA		
Miscellaneous	Special Weather Statement	TSL	S	O				USA		
Miscellaneous	Volcano Warning	TVO	W	O				USA		
Miscellaneous	Weather Bulletin	TWX	B	Y				USA		
Miscellaneous	Special Weather Statement	weather	S	O	Canada					
Miscellaneous	Weather Advisory	weather	Y	O	Canada					
Miscellaneous	Weather Warning	weather	W	O	Canada					
Miscellaneous	Severe Warning for Forest Fire	TFF	A	O		Europe				

Miscellaneous	Extreme Warning for Forest Fire	TFF	W	O		Europe				
Miscellaneous	Moderate Warning for Forest Fire	TFF	S	Y		Europe				
Miscellaneous	Other Advisories	OT	Y	Y			Japan			
Miscellaneous	Brown Rot Alert	BRA-STV	W	O					Australia	
Miscellaneous	Bushwalkers Alert	BWA-STD	W	O					Australia	
Miscellaneous	Catastrophic Fire Weather Warning	FWW-CAT	W	O					Australia	
Miscellaneous	Downy Mildew Advice	DMA-STD	W	O					Australia	
Miscellaneous	Extreme Fire Weather Warning	FWW-EXT	W	O					Australia	
Miscellaneous	Fire Weather Warning	FWW-STD	W	O					Australia	
Miscellaneous	Marginal Fire Weather Warning	FWW-MARG	W	O					Australia	
Miscellaneous	Road Weather Alert	RWA-STD	W	O					Australia	
Miscellaneous	Road Weather Alert for slippery roads	RWA-SL-STD	W	O					Australia	
Miscellaneous	Severe Brown Rot Alert	BRA-SEV	W	O					Australia	
Miscellaneous	Severe Downy Mildew Advice	DMA-SEV	W	O					Australia	
Miscellaneous	Severe Fire Weather Warning	FWW-SEV	W	O					Australia	
Miscellaneous	Severe Sheep Graziers Warning	SHW-SEV	W	O					Australia	
Miscellaneous	Sheep Graziers Warning	SHW-STD	W	O					Australia	
Miscellaneous	Very High Fire Weather Warning	FWW-VH	W	O					Australia	

Rain/Flood	Flash Flood Statement	FF	S	R				USA		
Rain/Flood	Flash Flood Warning	FF	W	R				USA		
Rain/Flood	Flash Flood Watch	FF	A	O				USA		
Rain/Flood	Flood Advisory	FA	Y	O				USA		
Rain/Flood	Flood Bulletin	FA	B	O				USA		
Rain/Flood	Flood Warning	FA	W	R				USA		
Rain/Flood	Flood Watch	FA	A	O				USA		
Rain/Flood	Hydrologic Outlook	TSF	O	Y				USA		
Rain/Flood	Hydrologic Statement	HY	S	O				USA		
Rain/Flood	River Flood Advisory	FL	Y	O				USA		
Rain/Flood	River Flood Warning	FL	W	R				USA		
Rain/Flood	River Flood Watch	FL	A	O				USA		
Rain/Flood	Rainfall Warning	rainfall	W	O	Canada					
Rain/Flood	Severe Warning for Flood	TFL	A	O		Europe				
Rain/Flood	Severe Warning for Rain	TRA	A	Y		Europe				
Rain/Flood	Severe Warning for Rain and Flood	TRF	A	O		Europe				
Rain/Flood	Extreme Warning for Flood	TFL	W	R		Europe				
Rain/Flood	Extreme Warning for Rain	TRA	W	O		Europe				

Rain/Flood	Extreme Warning for Rain and Flood	TRF	W	R		Europe				
Rain/Flood	Moderate Warning for Flood	TFL	S	O		Europe				
Rain/Flood	Moderate Warning for Rain	TRA	S	Y		Europe				
Rain/Flood	Moderate Warning for Rain and Flood	TRF	S	O		Europe				
Rain/Flood	Flood Advisory	FL	Y	Y			Japan			
Rain/Flood	Flood Warning	FL	W	R			Japan			
Rain/Flood	Heavy Rain Emergency	RF	E	P			Japan			
Rain/Flood	Heavy Rainfall Advisory	RF	Y	Y			Japan			
Rain/Flood	Heavy Rainfall Warning	RF	W	Y			Japan			
Rain/Flood	Final Flood Warning	FLW-FINAL	W	O					Australia	
Rain/Flood	Final Flood Watch	FLA-FINAL	A	O					Australia	
Rain/Flood	Flood Warning	FLW-UNCL	W	O					Australia	
Rain/Flood	Flood Watch	FLA-WATCH	A	O					Australia	
Rain/Flood	Initial Flood Watch	FLA-UNK	A	O					Australia	
Rain/Flood	Initial Minor Flood Warning	FLW-BLWMIN	W	O					Australia	
Rain/Flood	Initial Minor Flood Watch	FLA-BLWMIN	A	O					Australia	
Rain/Flood	Major Flood Warning	FLW-MAJ	W	O					Australia	
Rain/Flood	Major Flood Watch	FLA-MAJ	A	O					Australia	

Rain/Flood	Minor Flood Warning	FLW-MIN	W	O					Australia	
Rain/Flood	Minor Flood Watch	FLA-MIN	A	O					Australia	
Rain/Flood	Minor to Major Flood Watch	FLA-MINMAJ	A	O					Australia	
Rain/Flood	Minor to Moderate Flood Watch	FLA-MINMOD	A	O					Australia	
Rain/Flood	Moderate Flood Warning	FLW-MOD	W	O					Australia	
Rain/Flood	Moderate Flood Watch	FLA-MOD	A	O					Australia	
Rain/Flood	Moderate to Major Flood Watch	FLA-MODMAJ	A	O					Australia	
Rain/Flood	Road Weather Alert for flooding	RWA-FL-STD	W	O					Australia	
Rain/Flood	Road Weather Alert for Heavy Rain	RWA-RA-STD	W	O					Australia	
Rain/Flood	Severe Thunderstorm for Intense Rainfall	STW-R+-STD	W	O					Australia	
Rain/Flood	Severe Thunderstorm Warning for Flash Flooding	STW-FF-STD	W	O					Australia	
Rain/Flood	Severe Thunderstorm Warning for Heavy Rainfall	STW-R-STD	W	O					Australia	
Rain/Flood	Severe Weather Warning for Flash Flooding	SWW-FF-STD	W	O					Australia	
Rain/Flood	Severe Weather Warning for Heavy Rainfall	SWW-R-STD	W	O					Australia	
Rain/Flood	Severe Weather Warning for	SWW-R+-STD	W	O					Australia	

	Intense Rainfall									
Rain/Flood	Heavy Rain Advisory	HR	Y	O						S. Korea
Rain/Flood	Heavy Rain Warning	HR	W	R						S. Korea
Temperature	Excessive Heat Warning	EH	W	O				USA		
Temperature	Excessive Heat Watch	EH	A	Y				USA		
Temperature	Extreme Cold Warning	EC	W	O				USA		
Temperature	Extreme Cold Watch	EC	A	Y				USA		
Temperature	Freeze Warning	FZ	W	O				USA		
Temperature	Freeze Watch	FZ	A	Y				USA		
Temperature	Frost Advisory	FR	Y	Y				USA		
Temperature	Heat Advisory	HT	Y	Y				USA		
Temperature	Cold Weather Advisory	CW	Y	Y				USA		
Temperature	Arctic Outflow Warning	arcticOut	W	O	Canada					
Temperature	Extreme Cold Warning	extremeCold	W	R	Canada					
Temperature	Flash Freeze Warning	flashFreeze	W	O	Canada					
Temperature	Frost Advisory	frost	Y	Y	Canada					
Temperature	Heat Warning	extremeHeat	W	O	Canada					
Temperature	Severe Warning for High Temperature	THT	A	Y		Europe				

Temperature	Severe Warning for Low Temperature	TLT	A	O		Europe				
Temperature	Extreme Warning for High Temperature	THT	W	O		Europe				
Temperature	Extreme Warning for Low Temperature	TLT	W	R		Europe				
Temperature	Moderate Warning for High Temperature	THT	S	O		Europe				
Temperature	Moderate Warning for Low Temperature	TLT	S	Y		Europe				
Temperature	Low Temperature Advisory	LT	Y	Y			Japan			
Temperature	Bushwalkers Alert for chill conditions	BWA-CH-STD	W	O					Australia	
Temperature	Extreme Heat Warning	EXTREMEHEAT-WARN	W	O					Australia	
Temperature	Extreme Heat Watch	EXTREMEHEAT-WATCH	A	Y					Australia	
Temperature	Frost Warning	FRW-STD	W	O					Australia	
Temperature	Severe Frost Warning	FRW-SEV	W	O					Australia	
Temperature	Cold Wave Advisory	CW	Y	O						S. Korea
Temperature	Cold Wave Warning	CW	W	R						S. Korea
Temperature	Heat Wave Advisory	HT	Y	O						S. Korea
Temperature	Heat Wave Warning	HT	W	R						S. Korea
Thunderstorm	Severe Thunderstorm	SV	W	R				USA		

	Warning									
Thunderstorm	Severe Thunderstorm Watch	SV	A	O				USA		
Thunderstorm	Severe Weather Warning	TSA	W	R				USA		
Thunderstorm	Severe Weather Watch	TSA	A	O				USA		
Thunderstorm	Tornado Warning	TO	W	R				USA		
Thunderstorm	Tornado Watch	TO	A	O				USA		
Thunderstorm	Severe Thunderstorm Warning	thunderstorm	W	R	Canada					
Thunderstorm	Severe Thunderstorm Watch	thunderstorm	A	O	Canada					
Thunderstorm	Tornado Warning	tornado	W	R	Canada					
Thunderstorm	Tornado Watch	tornado	A	O	Canada					
Thunderstorm	Severe Warning for Thunderstorm	TTS	A	O		Europe				
Thunderstorm	Extreme Warning for Thunderstorm	TTS	W	R		Europe				
Thunderstorm	PModerate Warning for Thunderstorm	TTS	S	O		Europe				
Thunderstorm	Thunderstorm Advisory	TDS	Y	Y			Japan			
Thunderstorm	Severe Thunderstorm Warning	STW-STD	W	O					Australia	
Thunderstorm	Severe Thunderstorm Warning for Damaging Wind	STW-W-STD	W	O					Australia	

Thunderstorm	Severe Thunderstorm Warning for Destructive Wind	STW-W+-STD	W	O					Australia	
Thunderstorm	Severe Thunderstorm Warning for Giant Hail	STW-GH-STD	W	O					Australia	
Thunderstorm	Severe Thunderstorm Warning for Large Hail	STW-LH-STD	W	O					Australia	
Thunderstorm	Severe Thunderstorm Warning for Tornadoes	STW-TO-STD	W	O					Australia	
Thunderstorm	Severe Weather Warning	SWW-STD	W	O					Australia	
Thunderstorm	Severe Weather Warning for Damaging Wind	SWW-W-STD	W	O					Australia	
Thunderstorm	Severe Weather Warning for Destructive Wind	SWW-W+-STD	W	O					Australia	
Thunderstorm	Severe Weather Warning for Large Hail	SWW-LH-STD	W	O					Australia	
Thunderstorm	Severe Weather Warning for Tornadoes	SWW-TO-STD	W	O					Australia	
Tropical	Hurricane Warning	HU	W	R				USA		
Tropical	Hurricane Watch	HU	A	O				USA		
Tropical	Storm Surge Warning	SS	W	O				USA		
Tropical	Storm Surge Watch	SS	A	Y				USA		

Tropical	Tropical Cyclone Statement	HU	S	Y				USA		
Tropical	Tropical Storm Warning	TR	W	R				USA		
Tropical	Tropical Storm Watch	TR	A	O				USA		
Tropical	Tropical Weather Statement	HU	S	Y				USA		
Tropical	Tropical Weather Statement	TTP	S	O				USA		
Tropical	Typhoon Local Statement	TY	S	R				USA		
Tropical	Typhoon Statement	TY	S	R				USA		
Tropical	Typhoon Warning	TY	W	R				USA		
Tropical	Typhoon Watch	TY	A	O				USA		
Tropical	Hurricane Warning	hurricane	W	R	Canada					
Tropical	Hurricane Watch	hurricane	A	O	Canada					
Tropical	Storm Surge Warning	stormSurge	W	R	Canada					
Tropical	Tropical Storm Statement	tropStorm	S	O	Canada					
Tropical	Tropical Storm Warning	tropStorm	W	R	Canada					
Tropical	Tropical Storm Watch	tropStorm	A	O	Canada					
Tropical	Storm Surge Advisory	SSG	Y	Y			Japan			
Tropical	Storm Surge Emergency	SSG	E	P			Japan			
Tropical	Storm Surge Warning	SSG	W	R			Japan			

Tropical	Tropical Cyclone Bulletin	TROPCYCLONE-STD	S	O					Australia	
Tropical	Tropical Cyclone Warning	TROPCYCLONE-WARN	W	O					Australia	
Tropical	Tropical Cyclone Watch	TROPCYCLONE-WATCH	A	Y					Australia	
Tropical	Storm Surge advisory	SS	Y	O						S. Korea
Tropical	Storm Surge Warning	SS	W	R						S. Korea
Tropical	Typhoon Advisory	TY	Y	O						S. Korea
Tropical	Typhoon Warning	TY	W	R						S. Korea
Visibility	Ashfall Advisory	AF	Y	Y				USA		
Visibility	Ashfall Advisory	MH	Y	Y				USA		
Visibility	Ashfall Warning	AF	W	O				USA		
Visibility	Ashfall Warning	MH	W	O				USA		
Visibility	Blowing Dust Advisory	DU	Y	Y				USA		
Visibility	Blowing Dust Warning	DU	W	O				USA		
Visibility	Dense Fog Advisory	FG	Y	Y				USA		
Visibility	Dense Fog Advisory	MF	Y	O				USA		
Visibility	Dense Smoke Advisory	MS	Y	O				USA		
Visibility	Dense Smoke Advisory	SM	Y	O				USA		
Visibility	Dust Storm Warning	DS	W	O				USA		

Visibility	Dust Storm Warning	dustStorm	W	O	Canada					
Visibility	Fog Advisory	other	Y	O	Canada					
Visibility	Severe Warning for Fog	TFA	A	O		Europe				
Visibility	Extreme Warning for Fog	TFA	W	R		Europe				
Visibility	Moderate Warning for Fog	TFA	S	O		Europe				
Visibility	Dense Fog Advisory	DFG	Y	Y			Japan			
Visibility	Road Weather Alert for Dust	RWA-DU-STD	W	O					Australia	
Visibility	Road Weather Alert for fog	RWA-FG-STD	W	O					Australia	
Visibility	Road Weather Alert for Smoke	RWA-SM-STD	W	O					Australia	
Wind	Brisk Wind Advisory	BW	Y	Y				USA		
Wind	Extreme Wind Warning	EW	W	R				USA		
Wind	High Wind Warning	HW	W	O				USA		
Wind	High Wind Watch	HW	A	Y				USA		
Wind	Wind Advisory	WI	Y	Y				USA		
Wind	Les Suêtes Wind Warning	lsWind	W	R	Canada					
Wind	Strong Wind Warning	strongWind	W	R	Canada					
Wind	Wind Warning	wind	W	O	Canada					
Wind	Wreckhouse Wind Warning	whWind	W	R	Canada					

Wind	Severe Warning for Wind	TWA	A	O		Europe				
Wind	Extreme Warning for Wind	TWA	W	O		Europe				
Wind	Moderate Warning for Wind	TWA	S	Y		Europe				
Wind	Wind Storm Emergency	WS	E	P			Japan			
Wind	Windstorm Warning	WS	W	R			Japan			
Wind	Road Weather Alert for Damaging Wind	RWA-W-STD	W	O					Australia	
Wind	Road Weather Alert for Destructive Wind	RWA-W+-STD	W	O					Australia	
Wind	Strong Wind Advisory	SW	Y	O						S. Korea
Wind	Strong Wind Warning	SW	W	R						S. Korea
Winter Precipitation	Blizzard Warning	BZ	W	R				USA		
Winter Precipitation	Freezing Fog Advisory	ZF	Y	O				USA		
Winter Precipitation	Ice Storm Warning	IS	W	R				USA		
Winter Precipitation	Lake Effect Snow Warning	LE	W	R				USA		
Winter Precipitation	Snow Squall Warning	SQ	W	R				USA		
Winter Precipitation	Winter Storm Warning	WS	W	R				USA		
Winter Precipitation	Winter Storm Watch	WS	A	O				USA		
Winter Precipitation	Winter Weather Advisory	WW	Y	O				USA		

Winter Precipitation	Winter Weather Bulletin	WW	B	O				USA		
Winter Precipitation	Blizzard Warning	blizzard	W	R	Canada					
Winter Precipitation	Blowing Snow Advisory	blowingSnow	Y	O	Canada					
Winter Precipitation	Freezing Drizzle Advisory	freezeDrzl	Y	O	Canada					
Winter Precipitation	Freezing Rain Warning	freezeRain	W	R	Canada					
Winter Precipitation	Snow Squall Warning	snowSquall	W	R	Canada					
Winter Precipitation	Snow Squall Watch	snowSquall	A	O	Canada					
Winter Precipitation	Snowfall Warning	snowfall	W	R	Canada					
Winter Precipitation	Winter Storm Warning	winterStorm	W	R	Canada					
Winter Precipitation	Winter Storm Watch	winterStorm	A	O	Canada					
Winter Precipitation	Severe Warning for Snow or Ice	TSI	A	O		Europe				
Winter Precipitation	Extreme Warning for Snow or Ice	TSI	W	R		Europe				
Winter Precipitation	Moderate Warning for Snow or Ice	TSI	S	O		Europe				
Winter Precipitation	Frost Advisory	FR	Y	Y			Japan			
Winter Precipitation	Gale and Snow Advisory	SNG	Y	Y			Japan			
Winter Precipitation	Heavy Snowfall Advisory	SNF	Y	Y			Japan			
Winter Precipitation	Heavy Snowfall Emergency	SNF	E	P			Japan			
Winter Precipitation	Heavy Snowfall Warning	SNF	W	Y			Japan			

Winter Precipitation	Ice Accretion Advisory	ICA	Y	Y			Japan			
Winter Precipitation	Snow Accretion Advisory	SNA	Y	Y			Japan			
Winter Precipitation	Snow Storm Emergency	SNS	E	P			Japan			
Winter Precipitation	Snow-melting Advisory	SNM	Y	Y			Japan			
Winter Precipitation	Snowstorm Warning	SNS	W	R			Japan			
Winter Precipitation	Bushwalkers Alert for Snow	BWA-SN-STD	W	O					Australia	
Winter Precipitation	Road Weather Alert for icing	RWA-IC-STD	W	O					Australia	
Winter Precipitation	Road Weather Alert for snow	RWA-SN-STD	W	O					Australia	
Winter Precipitation	Severe Weather Warning for Blizzard	SWW-BZ-STD	W	O					Australia	
Winter Precipitation	Heavy Snow Advisory	HS	Y	O						S. Korea
Winter Precipitation	Heavy Snow Warning	HS	W	R						S. Korea

Tsunami Zones Exceptions:

Tsunami warnings are issued by **Joint Australian Tsunami Warning Centre (JATWC)** for Australian coastal locations and offshore territories. It also issues warnings for Antarctica. Below are some of the locations for which country code is not Australia for which JATWC issues tsunami warnings.

Islands in Australia:

These have a different ISO code than mainland Australia. It should be noted that when using “Alerts By Country” API and using code as “AU” will not return alerts for these islands.

Zone ID	Zone Name	Zone Type	ISO Country Code	Geocode

CC_TW001	Cocos Island	Tsunami	CC	-12.1131, 96.8830
CX_TW001	Christmas Island	Tsunami	CX	-10.4132, 105.6670
NF_TW001	Norfolk Island	Tsunami	NF	-29.0624, 167.9330
NSW_PT245	Norfolk Island	PointPlaces	NF	-29.0389, 167.9408

Antarctica:

For these locations, Location Master will not resolve the geocode to any location. There are no mappings defined for these geocodes and therefore “Alerts By Geocode” will not return any data for these locations. Alerts will return data for these locations when using “Alerts By Country” and “Alerts By Area”.

Zone ID	Zone Name	Zone Type	ISO Country Code	Geocode
AQ_TW001	Antarctica	Tsunami	AQ	-67.6012, 62.8752
AQ_TW002	Antarctica	Tsunami	AQ	-66.2820, 110.5230
AQ_TW003	Antarctica	Tsunami	AQ	-68.5769, 77.9671

Appendix A : displayRank

This is an internal ranking by The Weather Company based on multiple factors that can change. It is not an official ranking by the government agencies from which these alerts originate. This field is intended for The Weather Company Properties. Use of the field is solely at your own risk.

displayRank provides a suggested display order for alerts when more than one alert is active for a location. For example, in a list view on an application, alerts with a lower displayRank integer value (ex: 17) would be listed first followed by alerts with a higher displayRank integer value (ex: 207). You should retrieve all Alerts (repeated calls to the API until next is null) prior to sorting by displayRank.

displayRank is populated for all location query types (country, state, areaId and latitude/longitude) but is intended primarily for use with latitude/longitude based queries.

You should not make any assumptions regarding a displayRank association to a specific event type - these associations will change without notice as we add new products.